Use Attainability Analysis

for

WBID 2583 Trib. to Howell Creek

Submitted by Missouri Department of Natural Resources Staff

To Missouri Department of Natural Resources Water Protection Program

Date Received: July 18, 2005

Data Sheet A - Water Body Identification

Water Body Name (from USGS 7.5' quad): Tributary	of Howell Creek
8-digit HUC: 11010010	
Missouri WBID #: 2583	JUL 1 8 7005
County: Howell	· • • • • • • • • • • • • • • • • • • •
Upstream Legal Description: SW1/4 NW1/4 Sec.12 T.23N., R	.7W.
Downstream Legal Description: NE1/4 NW1/4 Sec.12 T.23N.,	R.7W.
Upstream Coordinates: N. 36.67352 W. 91.69212	
Downstream Coordinates: N. 36.67767 W. 91.68691	
Discharger Facility Name(s): NA	
Discharger Permit Number(s): NA	
Number of Sites Evaluated: 2	
Name of Surveyor and Telephone Number: Dennis M. Meinert	314-852-9815
Organization: Department of Natural Resources, SWCP	
Position: Soil Scientist	

I, the undersigned, hereby affirm to the best of my knowledge, that all information reported on this UAA datasheet is true and accurate.

Signed: Date: 06/22/05_

September 29, 2004

Page 1

Data Sheet B - Site Characterization

(A separate data sheet must be completed for each site)

	(B2583-01 s		on Descrip		/4 NW1/4 Se		STORMAR MENT DO
Site GPS Coordinat	tes: N. 36.67352	W	91.69212				
Date & Time: 06/2	2/05 8.15 a	m r	acility Nam	me: NA			
Personnel: Dennis	Meinert, Keith K	nelle P	ermit Numb	er: NA			
Current Weather Co	onditions: Clear,	sunny W	eather Con	ditions f	or Past 7 day	s: Sc	attered showers
Photo Ids: Upstre	mam: WBU2583-01	Downstre	amı WBD2583	-01	Other: WBE25	83-01	k:
Uses Observed	• 1						
Swimming	Skin Diving	Scuba	diving	Tubing		Wa	ter skiing
Wind surfing	Kayaking	Boatis	ng .	Wading		. Ra	fting
Hunting	Trapping	Fishir	ng .	I None o	f the above	Ot	heri
evidence of recrea			creating, i	requency	of use, phot	0-doct	imentation of
Surrounding C	ational uses, etc	(ark all	that promo	ote or i		0 :	
Surrounding C	onditions*: (N	fark all titems of	that promo	ote or in		tiona	al uses. Attach
Surrounding Comphotos of evident	onditions*: (Nence or unusual	fark all titems of	that promo	ote or in	mpede recrea	tions	il uses. Attach
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Surrounding Country park City/country park Boating accesses	onditions*: (Nence or unusual ss Playground State par)	Mark all to items of the Mark all to Mark	that promot f interest OC conservat ational fore	ote or in	mpede recrea	tions oas rails	L uses. Attach Campgrounds Stairs/walkway
Surrounding Comphotos of evidence of H	onditions*: (Nence or unusual ss Playground State par)	iark all titems of	that promot f interest OC conservat ational fore	ote or in	mpede recrea	tiona mas rails o water	l uses. Attach
photos of evide City/county park Boating accesses Bo trespass sign Evidence of H X_Roads	onditions*: (Nence or unusual s Playground State par) uman Use*:	fark all to items of the Ma Ma St	that promote interest oc conservat stional foresteep slopes	ote or in	Urban ar Nature t Other: N	tiona mas rails o water	Campgrounds Campgrounds Stairs/walkwa

Site Locations Map(s): Attach a map of entire segment with assessment sites clearly labeled. Mark any other items that may be of interest. (Include photographs)

*Some of this information is not intended to directly influence a decision on any one particular recreational use analysis but may point to conditions that need further analysis or that effect another use.

Data Sheet B - Site Characterization

Page Two - WBID #: WB2583-01

Stream Morphology:

Upstream View Physical Dimensions: No water observed.

Riffle	Width (ft):	Length (ft):	Avg. Depth (ft):	Max.	Depth	(ft):
Run	Width (ft):	Length (ft):	Avg. Depth (ft):	Max.	Depth	(ft):
Pool	Width (ft):	Length (ft):	Avg. Depth (ft):	Max.	Depth	(ft):
Flow	Present?	Yes No	Estimated (ft3/sec):			

Downstream View Physical Dimensions: No water observed.

Flow	Present?	Yes No	Estimated (ft3/sec):	
Pool	Width (ft):	Length (ft):	Avg. Depth (ft):	Max. Depth (ft)
Run	Width (ft):	Length (ft):	Avg. Depth (ft):	Max. Depth (ft)
Riffle	Width (ft):	Length (ft):	Avg. Depth (ft):	Max, Depth (ft)

Substrate*: (These values should add up to 100%.)

	77.20 27.70.77.40		222 224	A CO. Tribat	121 221 201 201
3% Cobble	40% Gravel	10∜ Sand	27% Silt	* Mud/Clay	* Bedrock

Aquatic Vegetation*: (note amount of vegetation or algal growth at the assessment site)

Non-aquatic vegetation growing in stream bed.

Water Characteristics*: (Mark all that apply.)

Odori	Sewage	Munky	Chemical	None	Others	
Color:	Clear	Green	Gray	Milky	Other: None	
Bottom Deposit:	Sludge	Solids	Fine sediments	None	Others	
Surface Deposit:	oil	Seum	FOAR	None	Others	

Comments: Please attach additional comments (including information from interviews) to this form.

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I, the undersigned, hereby affirm to the best of my knowledge, that all information reported on this UAA datasheet is true and accurate.

Signed:	Des	roch	m.	meiner		Date:	06/22/05	
Organiza	tion:	Depart	ment	of Natural	Resources	SWCP		

Position: Soil Scientist

WBID 2583 – Downstream #1





Data Sheet B - Site Characterization

(A separate data sheet must be completed for each site)

discount smrn #.	MM 2 E 6 2 . 0 2		stion Becaule		/A WHAT /A GOA	12	T 23M D 7W
Kissouri WBID #:	WB2583-02	ite Loca	ation Descrip	LAM INOLI	/4 NWI/4 DEC	. 12	T.23N., R.7W.
ite GPS Coordin	ates: N. 35.6776	7 W.	91.68691				
ate & Time: 06/	/22/05 8:50	n.m.	Facility Na	me: NA			
Personnel: Denni	s Meinert, Keith	Knelle	Permit Numb	er: NA			
Current Weather	Conditions: Clear	, sunny	Weather Con	ditions fo	or Past 7 day	Bi Sc	attered showers
Photo Ids: Upst	ream: WBU2583-02	Downst	ream: WBD258	1-02	Other: WBE25	83-02	
Uses Observe	d*:						
Swimming	Skin Diving	Set	aba diving	Tubing		Wa	ter skiing
Wind surfing	Kayaking	Box	ating	Wading		_ Ra	fting
Hunting	Trapping	Fin	shing	X None of the above		Ot	heri
	de number of indi eational uses, et		recreating,			-docu	mentation of
Surrounding		c.) Mark al	1 that prom	requency	of use, photo		
Surrounding	Conditions*: (Mark al	1 that prom	ote or in	of use, photo	tiona	
Surrounding photos of evi	Conditions*: (dence or unusua	Mark all items	1 that prom	ote or in	of use, photo	tiona	il uses. Attach
Surrounding photos of evi	Conditions*: (dence or unusua urks Playgrour	Mark all items	1 that prom of interest	ote or in	of use, photo pede recrea	tiona as wils	l uses. Attach
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Surrounding photos of evi City/county ps Boating access No trespass si Evidence of	Conditions*: (dence or unusua urks Playgroun es State pan gn Fence	Mark all items	1 that prom of interest MDC conservat	ote or in	of use, photo pede recrea	tiona as wils	L uses. Attach Campgrounds Stairs/walkwa
Surrounding photos of eviCity/county psBoating accessNo trespass si	Conditions*: (dence or unusua urks Playgrour es State par gn Fence Human Use*:	Mark all items	l that prom of interest MDC conservat National fore Steep slopes	ote or in	of use, photo pede recrea Urban are Nature tr	tiona as wils	Campgrounds Campgrounds Stairs/walkwa r, private property

Site Locations Map(s): Attach a map of entire segment with assessment sites clearly labeled. Mark any other items that may be of interest. (Include photographs)

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Data Sheet B - Site Characterization

Page Two - WBID #: WB2583-02

Stream Morphology:

Upstream View Physical Dimensions: No water observed.

Plow	Present?	Yes No	Estimated (ft3/sec):			
Pool	Width (ft):	Length (ft):	Avg. Depth (ft):	Max.	Depth	(ft):
Run	Width (ft):	Length (ft):	Avg. Depth (ft):	Max.	Depth	(ft):
Riffle	Width (ft):	Length (ft):	Avg. Depth (ft):	Max.	Depth	(ft):

Downstream View Physical Dimensions: No water observed.

Plow	Present?	Yes No	Estimated (ft3/sec):			
Pool	Width (ft):	Length (ft):	Avg. Depth (ft):	Max.	Depth	(ft):
Run	Width (ft):	Length (ft):	Avg. Depth (ft):	Max.	Depth	(ft):
Riffle	Width (ft):	Length (ft):	Avg. Depth (ft):	Max.	Depth	(ft):

Substrate*: (These values should add up to 100%.)

- 7			AND RESIDENCE AND PARTY OF THE			100 100 100 110 100 110
1	5% Cobble	35% Gravel	15% Sand	45% Silt	* Mud/Clay	* Bedrock

Aquatic Vegetation*: (note amount of vegetation or algal growth at the assessment site)

Non-aquatic vegetation growing in stream bed.

Water Characteristics*: (Mark all that apply.)

Odor:	Sevage	Hunky	Chemical	None	Others
Color:	Clear	Green	Gray	Milky	Other; none
Bottom Deposit:	Sludge	Solida	Fine sediments	None	Others
Surface Deposit:	0il	Soum	FOAR	None	Others

Comments: Please attach additional comments (including information from interviews) to this form.

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Signed:	Dennis	m.	Meiner	Date	
Organizat	tion: Depa	rtmen	t of Natural	Resources SWCP	
Position	s Soil	Scie	ntist		

WBID 2583 – Downstream #2







STREAM NAME

Tributary to Howell Creek

РНОТО	WBID	UP	DOWN	USE	COMMENTS
1	2583	X		No use evident	No water
2	2583		X	No use evident	No water
3	2583			Road	100000000000000000000000000000000000000
4	2583	X		No use evident	No water
5	2583		X	No use evident	No water
6	2583			Road	
7					
8					
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